

TOWN OF MIDDLETOWN
ROAD PLAN CHECKLIST
Sheet 1 of 4

Checklist:

The following is in the minimum information required:

- ☐ Sealed Plans
- ☐ Completed Checklist

- ☐ **TITLE SHEET**
 - ☐ Name of Subdivision
 - ☐ Section of the Subdivision or name of the streets to be considered by this plan
 - ☐ Specify subdivision streets to be Public or Private
 - ☐ General Location Map w/ North Arrow, 1" = 2000' scale
 - ☐ County in which subdivision is located
 - ☐ Total sheets in Subdivision Street Construction Plan
 - ☐ Plan view of entire Subdivision indicating streets to be constructed by this plan and their relation to all other streets within the Subdivision
 - ☐ North Arrow
 - ☐ General Notes
 - ☐ Index of Sheets
 - ☐ Legend of Utilities
 - ☐ Revision Block
 - ☐ 24" x 36" size sheet
 - ☐ Signature Block
 - ☐ Seal of Delaware Professional Engineer
 - ☐ Signature of Engineer and Date
 - ☐ Scale
 - ☐ Engineer's name and address

- ☐ **PLAN VIEW**
 - ☐ Horizontal and Vertical control data
 - ☐ Benchmarks: Maximum spacing 1000 ft. Show elevation and location
 - ☐ Intersection stationing
 - ☐ Centerline stationing and curve data
 - ☐ PC and PT stationing
 - ☐ Bearings and centerline tangents
 - ☐ Stations of intersecting roads
 - ☐ Limits of construction
 - ☐ North arrow on each plan sheet
 - ☐ Revision block and date
 - ☐ Lot numbers and lot lines
 - ☐ Utility crossings (storm sewer, sanitary sewer, and waterline)
 - ☐ Block: County, sheet number, total no. sheets
 - ☐ Engineer's name and address

- ___ Title Block: street name, hundred, county, state, scale, date
- ___ Match lines
- ___ Street names
- ___ Storm drain system
 - ___ Inlet and inlet no.
 - ___ Inlet type
 - ___ Top, invert elevations
 - ___ Centerline station, right or left
 - ___ Length, type, slope of pipe
 - ___ Storm drain pipes
 - ___ Location and elevation of parallel ditches every 50 feet
 - ___ Location and type of ditch protection other than seed and mulch
 - ___ Drainage flow arrows
 - ___ Location of culverts with invert elevations at inlet and outlet
 - ___ Location, flow line, elevation, typical section and ditch protection for culvert or storm sewer outfall
 - ___ Drainage data for culvert or storm sewer outfall to include:
 - ___ Drainage Area
 - ___ Estimated Flow for design storm
 - ___ Estimated velocity of design flow
 - ___ Scale 1" = 50'
 - ___ Notes for curblin transitions (i.e. 60' R/W to 50' R/W)
- ___ ROAD PROFILE(S)
 - ___ On same sheet as Plan view
 - ___ Horizontal scale same as plan view (1" = 50')
 - ___ Vertical scale (1" = 5')
 - ___ Vertical curve data
 - ___ PVI ___ PVI elevation
 - ___ PVC ___ Length of curve
 - ___ PVT
 - ___ Soil information when available and if designing roads to "good" soil conditions
 - ___ Storm sewer profiles
 - ___ Inlet numbers
 - ___ Existing grades
 - ___ Proposed grades
 - ___ Low point/high point
 - ___ Street centerline stationing and elevation
 - ___ every 50'
 - ___ every 25' on a vertical curve
 - ___ Road grade in percent
 - ___ Engineer's name and address
 - ___ Utility crossing
 - ___ Water
 - ___ Sewer

- ___ Sewer profile
- ___ Location and stationing of interest streets
- ___ Match lines
- ___ Title block
 - ___ Street name ___ Hundred ___ Scale
 - ___ Developer's name ___ County/State ___ Date

___ INTERSECTION DETAILS

- ___ Title Block
 - ___ Engineer's name and address
 - ___ Owner's name and address
 - ___ Agreement number
 - ___ Plan title
 - ___ Street number, date, job number
- ___ Plan view of all intersections
- ___ Street names
- ___ Location and types of handicapped ramps
- ___ Centerline stationing
- ___ Intersection stationing
- ___ Flow arrow with street grade for each branch of the intersection
- ___ Inlet location
 - ___ Top elevation ___ Centerline station, left or right
 - ___ Invert ___ Inlet type
- ___ PC/PT stationing along face of curb and face of curb elevation
- ___ Radius and arc of curb
- ___ Proposed spot elevations along face of curb (T.C. or B.C.)
- ___ Grade elevation at maximum intervals of 25' on edge of islands and intersection radii
- ___ Scale 1" = 30'
- ___ Legend

___ INTERIOR SIGNING DIAGRAM

- ___ Title Block
 - ___ Engineer's name and address
 - ___ Owner's name and address
 - ___ Revision block
 - ___ Subdivision name, hundred, county, state
 - ___ Street number, date, job number
 - ___ Scale (1" = 100' or 1" = 200', typical)
- ___ Legend
- ___ Subdivision Layout
 - ___ Streets
 - ___ Lots
 - ___ Street names
- ___ Sign locations
- ___ Phasing

- ___ Notes
- ___ North arrow

___ GENERAL DETAILS

- ___ Title Block
 - ___ Engineer's name and address
 - ___ Owner's name and address
 - ___ Revision block
 - ___ Subdivision name, hundred, county, state
 - ___ Street number, date, job number
 - ___ Agreement number
 - ___ Scale
- ___ Legend
- ___ Typical sections
- ___ Paving sections
- ___ Details

<ul style="list-style-type: none"> ___ Sidewalk ___ Curbing ___ Handicap Ramps ___ Ditch 	<ul style="list-style-type: none"> ___ Inlets/manholes ___ Barricade ___ Driveway ___ Superelevation Diagrams (when required)
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